



Impinj Monza® R6P UHF On-Metal RFID Label

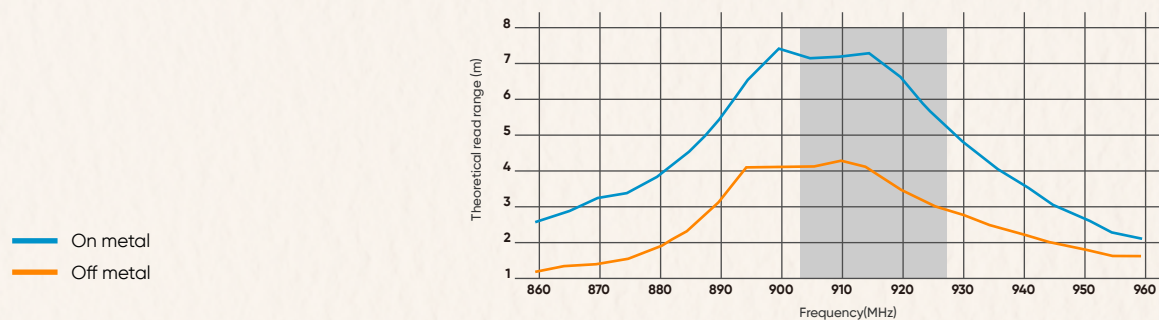
SKU:	RS-R6P-OMPET-8040
Chip Type:	Impinj Monza® R6-P
Frequency:	UHF 860-960 MHz
User Memory:	32/64 bits
EPC Memory:	128/96 bits
Read Range :	7 m On-Metal, 4 m Off-Metal (2W ERP FCC) 7 m On-Metal, 3 m Off-Metal (2W ERP ETSI)
Protocol:	ISO/IEC 18000-63, EPCglobal Gen2v2
Industry:	Retail, Healthcare, Industrial Applications, Laboratory, Logistics, Catering, Automotive
Applications:	Asset Tracking, Inventory, Metal, Cable Management, Electronics, Vehicle Tracking, Tire Tracking, Warehouse,

The Flexible & Printable UHF On-Metal Label is a durable, high-performance RFID solution for tracking metal assets. Its printable surface allows easy customization and encoding, while advanced design ensures reliable reading on metallic containers, equipment, warehouse shelves, automotive parts, and IT assets.

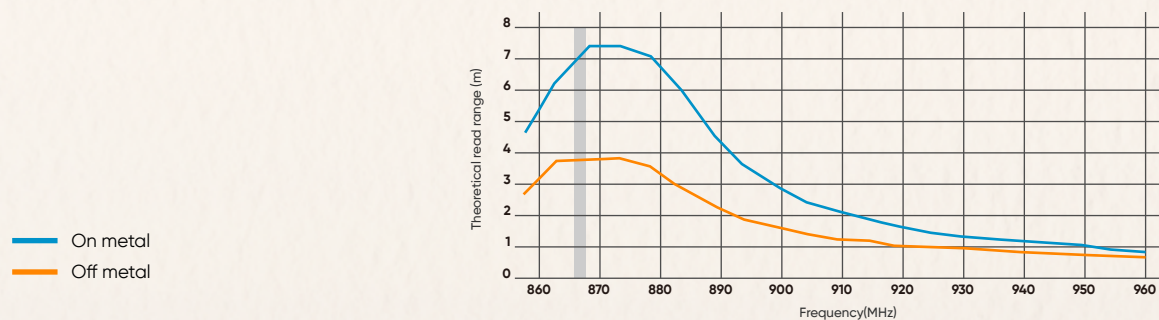
The flexible structure allows it to adhere securely to curved or uneven metal surfaces, maintaining strong performance in various environments. Resistant to moisture, temperature changes, and mechanical stress, this label offers long-lasting, accurate tracking to improve asset visibility and operational efficiency.

Reading Performance

Reading Performance @ FCC Standard



Reading Performance @ ETSI Standard



Physical Information

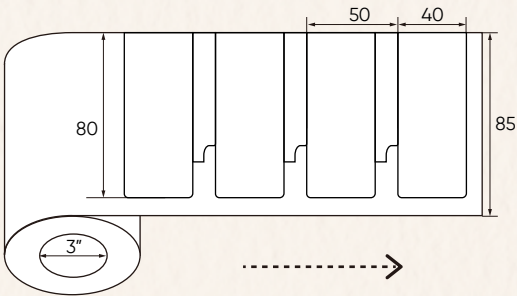
Material	PET & Aluminum Foil & Foam
Size	80×40×1 mm
Operating Environment	-20°C~+50°C, 20%~80% RH
Storage Environment	+18°C~+28°C, 40%~60% RH
Mounting Method	Stick
Surface	Paper Carton, Plastic, Wood, Metal
IP Rating	IP68
Handling Precautions	1. Do not bend. 2. Keep away from water and collision. 3. Labels with black-dot marks are bad ones, do not use.

Technical Information

Operating Frequency	UHF 860-960 MHz
Communication Protocol	ISO/IEC 18000-63, EPCglobal Gen2v2
Read Range	7 m On-Metal, 4 m Off-Metal (2W ERP FCC) 7 m On-Metal, 3 m Off-Metal (2W ERP ETSI)
Chip Type	Impinj Monza® R6-P
User Memory	32/64 bits
EPC Memory	128/96 bits
Security Features	Access/Kill short-range mode

Packing Information	Packing Format	Packed in roll, vacuummed packing in ESD bag.
	Roll OD	Max. 152 mm
	Core ID	3 inch(76.2 ± 0.50 mm)
	Packing Quantity	300 pcs/roll, weight per roll 1.035 kg

Label Dimensions
(Unit: mm)



● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment.
 ● **Storage and Handling Guidelines:** Follow standard ESD-safe storage and handling procedures to maintain product integrity and avoid damage.
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